

CRF Errors Corrected by the STIC Systems Branch

02/04 O/P

Serial Number: 09/905,056

CRF Processing Date: 2/16/2002

ENTERED

Edited by: AL
Verified by: AL (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: #3
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☒ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 173
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____



OIPE

RAW SEQUENCE LISTING

DATE: 02/16/2002

PATENT APPLICATION: US/09/905,056

TIME: 12:15:29

Input Set : N:\Crf3\02082002\I905056.raw

Output Set: N:\CRF3\02152002\I905056.raw

1 <110> APPLICANT: Genentech, Inc.
2 Ashkenazi, Avi
3 Botstein, David
4 Desnoyers, Luc
5 Eaton, Dan L.
6 Ferrara, Napoleone
7 Filvaroff, Ellen
8 Fong, Sherman
9 Gao, Wei-Qiang
10 Gerber, Hanspeter
11 Gerritsen, Mary E.
12 Goddard, A.
13 Godowski, Paul J.
14 Grimaldi, Christopher J.
15 Gurney, Austin L.
16 Hillan, Kenneth, J.
17 Kljavin, Ivar J.
18 Mather, Jennie P.
19 Pan, James
20 Paoni, Nicholas F.
21 Roy, Margaret Ann
22 Stewart, Timothy A.
23 Tumas, Daniel
24 Williams, P. Mickey
25 Wood, William, I.
26 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
27 Acids Encoding the Same
28 <130> FILE REFERENCE: 10466-14
29 <140> CURRENT APPLICATION NUMBER: US/09/905,056
30 <141> CURRENT FILING DATE: 2002-01-22
31 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
32 <151> PRIOR FILING DATE: 2000-02-22
33 <150> PRIOR APPLICATION NUMBER: US 60/143,048
34 <151> PRIOR FILING DATE: 1999-07-07
35 <150> PRIOR APPLICATION NUMBER: US 60/145,698
36 <151> PRIOR FILING DATE: 1999-07-26
37 <150> PRIOR APPLICATION NUMBER: US 60/146,222
38 <151> PRIOR FILING DATE: 1999-07-28
39 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
40 <151> PRIOR FILING DATE: 1999-09-08
41 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944
42 <151> PRIOR FILING DATE: 1999-09-13
43 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090

PS

RAW SEQUENCE LISTING

DATE: 02/16/2002

PATENT APPLICATION: US/09/905,056

TIME: 12:15:29

Input Set : N:\Crif3\02082002\I905056.raw

Output Set: N:\CRF3\02152002\I905056.raw

```

44 <151> PRIOR FILING DATE: 1999-09-15
45 <150> PRIOR APPLICATION NUMBER: PCT/US99/21547
46 <151> PRIOR FILING DATE: 1999-09-15
47 <150> PRIOR APPLICATION NUMBER: PCT/US99/23089
48 <151> PRIOR FILING DATE: 1999-10-05
49 <150> PRIOR APPLICATION NUMBER: PCT/US99/28214
50 <151> PRIOR FILING DATE: 1999-11-29
51 <150> PRIOR APPLICATION NUMBER: PCT/US99/28313
52 <151> PRIOR FILING DATE: 1999-11-30
53 <150> PRIOR APPLICATION NUMBER: PCT/US99/28564
54 <151> PRIOR FILING DATE: 1999-12-02
55 <150> PRIOR APPLICATION NUMBER: PCT/US99/28565
56 <151> PRIOR FILING DATE: 1999-12-02
57 <150> PRIOR APPLICATION NUMBER: PCT/US99/30095
58 <151> PRIOR FILING DATE: 1999-12-16
59 <150> PRIOR APPLICATION NUMBER: PCT/US99/30911
60 <151> PRIOR FILING DATE: 1999-12-20
61 <150> PRIOR APPLICATION NUMBER: PCT/US99/30999
62 <151> PRIOR FILING DATE: 1999-12-20
63 <150> PRIOR APPLICATION NUMBER: PCT/US00/00219
64 <151> PRIOR FILING DATE: 2000-01-05
65 <160> NUMBER OF SEQ ID NOS: 423
67 <210> SEQ ID NO: 1
68 <211> LENGTH: 1825
69 <212> TYPE: DNA
70 <213> ORGANISM: Homo sapiens
71 <400> SEQUENCE: 1
72      actgcacctc ggttctatcg attgaattcc ccggggatcc tctagagatc cctcgacctc 60
73      gacccacgcg tccggggccgg agcagcacgg ccgcaggacc tggagctccg gctgcgtctt 120
74      cccgcagcgc taccgcgccat gcgcctgccg cgcggggccg cgctggggct cctgccgctt 180
75      ctgctgctgc tgcgcgccgc gccggaggcc gccaaagaag cgacgcccgt ccaccgggtg 240
76      cgggggctgg tggacaagtt taaccagggg atggtggaca ccgcaaagaa gaactttggc 300
77      ggcgggaaca cggcttgga ggaagagacg ctgtccaagt acgagtcag cgagattcgc 360
78      ctgctggaga tcctggagg gctgtgcgag agcagcgact tcgaatgcaa tcagatgcta 420
79      gaggcgcagg aggagcacct ggaggcctgg tggctgcagc tgaagagcga atatcctgac 480
80      ttattcgagt ggttttgtgt gaagacactg aaagtgtgct gctctccagg aacctacggt 540
81      cccgactgtc tcgcatgcca gggcggatcc cagaggccct gcagcgggaa tggccactgc 600
82      agcggagatg ggagcagaca gggcgacggg tcctgcccgt gccacatggg gtaccagggc 660
83      ccgctgtgca ctgactgcat ggacggctac ttcagctcgc tccggaacga gacccacagc 720
84      atctgcacag cctgtgacga gtcctgcaag acgtgctcgg gcctgaccaa cagagactgc 780
85      ggcgagtgtg aagtgggctg ggtgctggac gagggcgccg gtgtggatgt ggacgagtgt 840
86      gcggccgagc cgcctccctg cagcgtgcg cagttctgta agaacgcaa cggtcctac 900
87      acgtgcgaag agtgtgactc cagctgtgtg ggctgcacag gggaaggccc aggaaactgt 960
88      aaagagtgtg tctctggcta cgcgagggag cacggacagt gtgcagatgt ggacgagtgc 1020
89      tcactagcag aaaaaacctg tgtgaggaaa aacgaaaact gctacaatac tccaggggagc 1080
90      tacgtctgtg tgtgtcctga cggcttcgaa gaaacggaag atgcctgtgt gccgcccggc 1140
91      gaggtgtaag ccacagaagg agaaaagccc acacagctgc cctcccgcga agacctgtaa 1200
92      tgtgccggac ttaccttta aattattcag aaggatgtcc cgtggaaaat gtggccctga 1260
93      ggatgccgtc tcctgcagtg gacagcggcg gggagaggct gcctgctctc taacggttga 1320

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/905,056

DATE: 02/16/2002

TIME: 12:15:29

Input Set : N:\Crf3\02082002\I905056.raw

Output Set: N:\CRF3\02152002\I905056.raw

```

94      ttctcatttg tcccttaaac agctgcattt cttgggttggt cttaaacaga cttgtatatatt 1380
95      ttgatacagt tcttttgtaat aaaattgacc attgtaggta atcaggagga aaaaaaaaaa 1440
96      aaaaaaaaaa aaagggcggc cgcgactcta gagtcgacct gcagaagctt ggccgccatg 1500
97      gcccaacttg tttattgcag cttataatgg ttacaaataa agcaatagca tcacaaatgt 1560
98      cacaaataaa gcattttttt cactgcattc tagttgtggt ttgtccaaac tcatcaatgt 1620
99      atcttatcat gtctggatcg ggaattaatt cggcgagca ccatggcctg aaataacctc 1680
100     tgaaagagga acttggttag gtaccttctg aggcggaaag aaccagctgt ggaatgtgtg 1740
101     tcagttaggg tgtggaaagt cccagggctc cccagcaggc agaagtatgc aagcatgcat 1800
102     ctcaattagt cagcaaccga gtttt                                     1825

104 <210> SEQ ID NO: 2
105 <211> LENGTH: 353
106 <212> TYPE: PRT
107 <213> ORGANISM: Homo sapiens
108 <400> SEQUENCE: 2
109     Met Arg Leu Pro Arg Arg Ala Ala Leu Gly Leu Leu Pro Leu Leu Leu
110         1             5             10             15
111     Leu Leu Pro Pro Ala Pro Glu Ala Ala Lys Lys Pro Thr Pro Cys His
112             20             25             30
113     Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met Val Asp Thr
114             35             40             45
115     Ala Lys Lys Asn Phe Gly Gly Gly Asn Thr Ala Trp Glu Glu Lys Thr
116         50             55             60
117     Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu Leu Glu Ile Leu Glu
118         65             70             75             80
119     Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys Asn Gln Met Leu Glu Ala
120             85             90             95
121     Gln Glu Glu His Leu Glu Ala Trp Trp Leu Gln Leu Lys Ser Glu Tyr
122             100            105            110
123     Pro Asp Leu Phe Glu Trp Phe Cys Val Lys Thr Leu Lys Val Cys Cys
124             115            120            125
125     Ser Pro Gly Thr Tyr Gly Pro Asp Cys Leu Ala Cys Gln Gly Gly Ser
126             130            135            140
127     Gln Arg Pro Cys Ser Gly Asn Gly His Cys Ser Gly Asp Gly Ser Arg
128             145            150            155            160
129     Gln Gly Asp Gly Ser Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu
130             165            170            175
131     Cys Thr Asp Cys Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr
132             180            185            190
133     His Ser Ile Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly
134             195            200            205
135     Leu Thr Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp
136             210            215            220
137     Glu Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro
138             225            230            235            240
139     Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr Cys
140             245            250            255
141     Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly Pro Gly
142             260            265            270
143     Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His Gly Gln Cys

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/905,056

DATE: 02/16/2002

TIME: 12:15:29

Input Set : N:\Crf3\02082002\I905056.raw

Output Set: N:\CRF3\02152002\I905056.raw

```

144          275          280          285
145 Ala Asp Val Asp Glu Cys Ser Leu Ala Glu Lys Thr Cys Val Arg Lys
146          290          295          300
147 Asn Glu Asn Cys Tyr Asn Thr Pro Gly Ser Tyr Val Cys Val Cys Pro
148          305          310          315          320
149 Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys Val Pro Pro Ala Glu Ala
150          325          330          335
151 Glu Ala Thr Glu Gly Glu Ser Pro Thr Gln Leu Pro Ser Arg Glu Asp
152          340          345          350
153 Leu
155 <210> SEQ ID NO: 3
156 <211> LENGTH: 2206
157 <212> TYPE: DNA
158 <213> ORGANISM: Homo sapiens
159 <400> SEQUENCE: 3
160 cagggtccaac tgcacctcgg ttctatcgat tgaattcccc ggggatcctc tagagatccc 60
161 tcgacctcga cccacgcgtc cgccaggccg ggaggcgacg cgcccagccg tctaaacggg 120
162 aacagccctg gctgaggag ctgcagcgca gcagagtatc tgacggcgcc aggttgcgta 180
163 ggtgcggcac gaggagt tttt cccggcagcg aggaggtcct gagcagcatg gcccgaggga 240
164 gcgccttccc tgcgcgcgcg ctctggctct ggagcatcct cctgtgcctg ctggcactgc 300
165 gggcgaggag cggggccgcg caggaggaga gcctgtacct atggatcgat gctcaccagg 360
166 caagagtact cataggattt gaagaagata tcctgattgt ttcagagggg aaaatggcac 420
167 cttttacaca tgatttcaga aaagcgcaac agagaatgcc agctattcct gtcaatatcc 480
168 attccatgaa ttttacctgg caagctgcag ggcaggcaga atactttctat gaattcctgt 540
169 ccttgcgctc cctggataaa ggcacatgag cagatccaac cgtcaatgtc cctctgctgg 600
170 gaacagtgcc tcacaaggca tcagttgttc aagttggttt cccatgtctt ggaaaacagg 660
171 atgggggtggc agcatttgaa gtggatgtga ttgttatgaa ttcgaaggc aacaccattc 720
172 tccaaacacc tcaaaatgct atcttcttta aaacatgtca acaagctgag tgcccaggcg 780
173 ggtgccgaaa tggaggcttt tgtaatgaaa gacgcactct cgagtgtcct gatgggttcc 840
174 acggacctca ctgtgagaaa gccctttgta ccccacgatg tatgaatggg ggactttgtg 900
175 tgactcctgg tttctgcata tgcaccctg gattctatgg agtgaactgt gacaaagcaa 960
176 actgctcaac cacctgcttt aatggaggga cctgtttcta ccctggaaaa tgtatttgcc 1020
177 ctccaggact agagggagag cagtgtgaaa tcagcaaatg cccacaaccc tgtcgaaatg 1080
178 gaggtaaatg catttgtaaa agcaaatgta agtgttccaa aggttaccag ggagacctct 1140
179 gttcaaagcc tgtctgcgag cctggctgtg gtgcacatgg aacctgccat gaacccaaca 1200
180 aatgccaatg tcaagaaggt tggcatggaa gacactgcaa taaaaggtac gaagccagcc 1260
181 tcatacatgc cctgaggcca gcaggcgcgc agctcaggca gcacacgcct tcacttaaaa 1320
182 aggccgagga gcggcgggat ccacctgaat ccaattacat ctggtgaact ccgacatctg 1380
183 aaacgtttta agttacacca agttcatagc ctttgtaaac ctttcatgtg ttgaatgttc 1440
184 aaataatgtt cattacactt aagaatactg gcctgaattt tattagcttc attataaatc 1500
185 actgagctga tatttactct tccttttaag ttttctaagt acgtctgtag catgatggta 1560
186 tagattttct tgtttcagtg ctttgggaca gattttatat tatgtcaatt gatcaggtta 1620
187 aaattttcag tgtgtagtgt gcagatattt tcaaaattac aatgcattta tgggtgctgg 1680
188 gggcagggga acatcagaaa ggttaaattg ggcaaaaatg cgtaagtcac aagaatttgg 1740
189 atggtgcagt taatgttgaa gttacagcat ttcagatttt attgtcagat atttagatgt 1800
190 ttgttacatt tttaaaatt gctcttaatt tttaaactct caatacaata tattttgacc 1860
191 ttaccattat tccagagatt cagtattaaa aaaaaaaaaa ttacactgtg gtagtggcat 1920
192 ttaaacaata taatatattc taaacacaat gaaataggga atataatgta tgaacttttt 1980
193 gcattggctt gaagcaatat aatatattgt aaacaaaaca cagctcttac ctaataaaca 2040

```

RAW SEQUENCE LISTING

DATE: 02/16/2002

PATENT APPLICATION: US/09/905,056

TIME: 12:15:29

Input Set : N:\Crf3\02082002\I905056.raw

Output Set: N:\CRF3\02152002\I905056.raw

```

194      ttttataactg tttgtatgta taaaataaaag gtgctgcttt agtttttttgg aaaaaaaaaa 2100
195      aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggcggccgc gactctagag tcgacctgca 2160
196      gaagcttggc cgccatggcc caacttggtt attgcagctt ataatg 2206
198 <210> SEQ ID NO: 4
199 <211> LENGTH: 379
200 <212> TYPE: PRT
201 <213> ORGANISM: Homo sapiens
202 <400> SEQUENCE: 4
203      Met Ala Arg Arg Ser Ala Phe Pro Ala Ala Ala Leu Trp Leu Trp Ser
204      1 5 10 15
205      Ile Leu Leu Cys Leu Leu Ala Leu Arg Ala Glu Ala Gly Pro Pro Gln
206      20 25 30
207      Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala Arg Val Leu
208      35 40 45
209      Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu Gly Lys Met Ala
210      50 55 60
211      Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln Arg Met Pro Ala Ile
212      65 70 75 80
213      Pro Val Asn Ile His Ser Met Asn Phe Thr Trp Gln Ala Ala Gly Gln
214      85 90 95
215      Ala Glu Tyr Phe Tyr Glu Phe Leu Ser Leu Arg Ser Leu Asp Lys Gly
216      100 105 110
217      Ile Met Ala Asp Pro Thr Val Asn Val Pro Leu Leu Gly Thr Val Pro
218      115 120 125
219      His Lys Ala Ser Val Val Gln Val Gly Phe Pro Cys Leu Gly Lys Gln
220      130 135 140
221      Asp Gly Val Ala Ala Phe Glu Val Asp Val Ile Val Met Asn Ser Glu
222      145 150 155 160
223      Gly Asn Thr Ile Leu Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr
224      165 170 175
225      Cys Gln Gln Ala Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys
226      180 185 190
227      Asn Glu Arg Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His
228      195 200 205
229      Cys Glu Lys Ala Leu Cys Thr Pro Arg Cys Met Asn Gly Gly Leu Cys
230      210 215 220
231      Val Thr Pro Gly Phe Cys Ile Cys Pro Pro Gly Phe Tyr Gly Val Asn
232      225 230 235 240
233      Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr Cys
234      245 250 255
235      Phe Tyr Pro Gly Lys Cys Ile Cys Pro Pro Gly Leu Glu Gly Glu Gln
236      260 265 270
237      Cys Glu Ile Ser Lys Cys Pro Gln Pro Cys Arg Asn Gly Gly Lys Cys
238      275 280 285
239      Ile Gly Lys Ser Lys Cys Lys Cys Ser Lys Gly Tyr Gln Gly Asp Leu
240      290 295 300
241      Cys Ser Lys Pro Val Cys Glu Pro Gly Cys Gly Ala His Gly Thr Cys
242      305 310 315 320
243      His Glu Pro Asn Lys Cys Gln Cys Gln Glu Gly Trp His Gly Arg His

```

Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

DATE: 02/16/2002

PATENT APPLICATION: US/09/905,056

TIME: 12:15:30

Input Set : N:\Crf3\02082002\I905056.raw

Output Set: N:\CRF3\02152002\I905056.raw

L:403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:2841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:3206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:4238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:4338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:5176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206